



## Coolmax HTA

### Premium ammonia compressor lubricant

#### Description

Coolmax HTA and Coolmax HTA XL ammonia compressor fluids are formulated specifically for ammonia refrigeration. They combine low temperature fluidity with very low solubility in ammonia to provide superior lubrication for ammonia compressors.

Thanks to the low volatility users will experience up to 80% less oil consumption in comparison to naphthenic products. Compared to naphthenic oils the lifetime of the oil can be extended with factor 5, depending on the condition of the equipment and system temperature.

#### Benefits

- Excellent thermal and oxidation stability and long life in ammonia systems
- Very high viscosity index for better compressor protection at elevated temperatures

- Very high flash & auto-ignition points for added safety
- Better equipment efficiency thanks to low volatility and carry over into evaporators
- Excellent film strength and anti-wear properties
- Very long life fluid allows for extended oil drains
- Excellent carbon and varnish control to help reduce deposits
- Excellent rust & corrosion control

#### Applications

Coolmax HTA and Coolmax HTA XL semi-synthetic ammonia compressor lubricants are used in all types of ammonia compressors.

Coolmax HTA XL has enhanced pour point for lower temperatures.

#### Typical performance data

	HTA 60	HTA 150	HTA XL 48
Colour	<0,5	<0,5	<0,5
Density @ 20 °C, kg/l	0.87	0.87	0.88
Viscosity Index	115	110	135
Viscosity @ 40 °C, cSt	67	149	47
Viscosity @ 100 °C, cSt	9.2	15.8	7.8
Flash point, °C	225	220	230
Pour point, °C	-41	-28	-63
Copper strip corrosion, 24 hrs @ 100 °C	1a	1a	1a
Demulsibility, 55 °C, 30 min	40/40/0	40/40/0	40/40/0
NSF approval, H1	151296	-	-

All performance data on this Technical Data Sheet are indicative only and can vary during production

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